

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Currently Amended) An information processing apparatus comprising:
first extraction means for extracting a reproduction time from stream data;
second extraction means for extracting [[a]] an actual reception time of said stream data;
computation means for computing a difference between said reception time and said reproduction time; and
adjustment means for adjusting a reproduction time by:
calculating a number equal to a number of packets of stream data ~~where~~
for the difference, wherein the difference between said reception time and said reproduction time is a time equivalent to one clock cycle; and
utilizing the number to maintain less than one clock cycle maximum between an actual reception ~~time~~time and the reproduction time.

2. (Currently Amended) An information processing apparatus comprising:

first extraction means for extracting an interval of reproduction time between packets of stream data;

second extraction means for extracting an interval of actual reception time between packets of said stream data;

computation means for computing a difference between said interval of reproduction time and said interval of reception time; and

adjustment means for adjusting a reproduction time by:

calculating a number equal to a number of packets of stream data ~~where~~ for the difference, wherein the difference between said reception time and said reproduction time is a time equivalent to one clock cycle; and

utilizing the number to maintain less than one clock cycle maximum between an actual reception ~~time~~ time and the reproduction time.

3. (Previously Presented) The information processing apparatus according to claim 2, wherein said reproduction time is a time stamp.

4. (Previously Presented) The information processing apparatus according to claim 2, further comprising:

first accumulation means for accumulating intervals of reproduction time between a predetermined number of consecutive packets of said stream data to obtain a first time; and

second accumulation means for accumulating intervals of reception time between said predetermined number of consecutive packets of said stream data to obtain a second time;

wherein said computation means computes a difference between said first time and said second time.

5. (Previously Presented) The information processing apparatus according to claim 4, further comprising:

smoothing means for smoothing said difference between said first time and said second time.

6. (Previously Presented) The information processing apparatus according to claim 5,

wherein said adjustment means adjusts reproduction time information by adding a time equivalent to one clock to said reproduction time or subtracting said time from said reproduction time for each number of packets with which said difference between said first time and said second time smoothed by said smoothing means provides a deviation equivalent to one clock.

7. (Currently Amended) An information processing method comprising the steps of:

extracting a reproduction time from stream data;

extracting [[a]] an actual reception time of said stream data;

computing a difference between said reception time and said reproduction time;
and

adjusting a reproduction time by:

calculating a number equal to a number of packets of stream data ~~where~~
for the difference, wherein the difference between said reception time and said reproduction time
is a time equivalent to one clock cycle; and

utilizing the number to maintain less than one clock cycle maximum
between an actual reception ~~timing-time~~ time and the reproduction time.

8. (Currently Amended) An information processing method comprising the steps
of:

extracting an interval of reproduction time between packets of stream data;

extracting an interval of actual reception time between packets of said stream
data;

computing a difference between said interval of reproduction time and said
interval of reception time; and

adjusting a reproduction time by:

calculating a number equal to a number of packets of stream data ~~where~~
for the difference, wherein the difference between said reception time and said reproduction time
is a time equivalent to one clock cycle; and

utilizing the number to maintain less than one clock cycle maximum
between an actual reception ~~timing~~time and the reproduction time.

9. (Previously Presented) The information processing method according to claim 8, wherein said reproduction time is a time stamp.

10. (Previously Presented) The information processing method according to claim 8, further comprising the steps of:

accumulating intervals of reproduction time between a predetermined number of consecutive packets of said stream data to obtain a first time; and

accumulating intervals of reception time between said predetermined number of consecutive packets of said stream data to obtain a second time;

wherein said computation step computes a difference between said first time and said second time.

11. (Previously Presented) The information processing method according to claim 10, further comprising the step of:

smoothing said difference between said first time and said second time.

12. (Previously Presented) The information processing method according to claim 11,

wherein said adjustment step adjusts reproduction time information by adding a time equivalent to one clock to said reproduction time or subtracting said time from said reproduction time for each number of packets with which said difference between said first time and said second time smoothed by said smoothing step provides a deviation equivalent to one clock.

13. (Currently Amended) A computer-readable medium storing a computer program, the program comprising the steps of:

extracting a reproduction time from stream data;

extracting [[a]] an actual reception time of said stream data;

computing a difference between said reception time and said reproduction time;

and

adjusting a reproduction time by:

calculating a number equal to a number of packets of stream data ~~where~~
for the difference, wherein the difference between said reception time and said reproduction time is a time equivalent to one clock cycle; and

utilizing the number to maintain less than one clock cycle maximum between an actual reception ~~time~~time and the reproduction time.

14. (Currently Amended) A computer-readable medium storing a computer program, the program comprising the steps of:

extracting an interval of reproduction time between packets of stream data;

extracting an interval of actual reception time between packets of said stream data;

computing a difference between said interval of reproduction time and said interval of reception time; and

adjusting a reproduction time by:

calculating a number equal to a number of packets of stream data ~~where~~ for the difference, wherein the difference between said reception time and said reproduction time is a time equivalent to one clock cycle; and

utilizing the number to maintain less than one clock cycle maximum between an actual reception ~~timing time~~ time and the reproduction time.

15. (Previously Presented) The computer program according to claim 14, wherein said reproduction time is a time stamp.

16. (Previously Presented) The computer program according to claim 14, further comprising the steps of:

accumulating intervals of reproduction time between a predetermined number of consecutive packets of said stream data to obtain a first time; and

accumulating intervals of reception time between said predetermined number of consecutive packets of said stream data to obtain a second time;

wherein said computation step computes a difference between said first time and said second time.

17. (Previously Presented) The computer program according to claim 16, further comprising the step of:

smoothing said difference between said first time and said second time.

18. (Previously Presented) The computer program according to claim 17, wherein said adjustment step adjusts reproduction time information by adding a time equivalent to one clock to said reproduction time or subtracting said time from said reproduction time for each number of packets with which said difference between said first time and said second time smoothed by said smoothing step provides a deviation equivalent to one clock.

19-24. (Canceled)